
PUBLIC CALL OF THE CONSORTIUM OF ULTRA-SHORT ULTRA-INTENSE PULSED LASERS CENTRE (CLPU) FOR THE RECRUITMENT OF A HEAD OF SCIENTIFIC DIVISION

Ref. 88/15 – Head of Scientific Division

Institution: The Pulsed Lasers Centre (CLPU on its Spanish acronym) is a Consortium composed of the Ministry of Economy and Competitiveness, the Regional Government of Castilla y León, and the University of Salamanca, to build in the city of Salamanca a leading laser facility opened to the national and international scientific community. Working languages at the CLPU are Spanish and English without distinction.

I. PURPOSE OF THE CALL

The purpose of this call is to carry out a selection process among all those candidates taking part on it, aiming at executing an INDEFINITE TERM CONTRACT to hire a HEAD OF SCIENTIFIC DIVISION, who will depend directly on the CLPU Direction (Director and Managing Director). The candidate will have to follow the strategical lines drawn by the CLPU Chair Director and previously approved by the Direction. A trial period of 6 months has been established.

If the candidate would meet the requisites needed, the contract could be intended to research personnel, for the purposes of what is established in Law 14/2011, de 1 de junio, de la Ciencia, la Tecnología y la Innovación.

Participation in this selective process implies full acceptance of this call. Personnel assigned to any of the three administrations that constitute the consortium (General Administration of the State, Junta of Castile and Leon and University of Salamanca) are entitled to participate in this process, as soon as they meet the requirements.

CLPU workers may also participate on this call, in agreement with labour regulations and as long as they meet the requirements.

II. SELECTION PROCESS

Selection process consists on the following stages:

First Stage: Evaluation of the candidate's CV to ensure that the post requirements are compelled with.

Second Stage: Evaluation of the candidates' merits who have successfully accomplished the first stage.

Third Stage: candidates' who have successfully accomplished the first and second stages will hold a personal interview. The CLPU could also assess the possibility of setting an English test to evaluate the candidate's listening and writing skills

The selection committee will be presided over by the CLPU Director and will also take part on it the Managing Director, the Chairman of the Advisory Committee, the CLPU Chair Director and the Human Resources Technician or any other person/s who these members delegate to. The appointment will be take place by Executive Board on the motion of CLPU Director.

III. JOB PROFILE

CLPU seeks for an internationally renowned PhD in Physics senior scientist, with experience in facilities of similar characteristics.

The employee's responsibilities will be:

- To be in charge of organizing the CLPU Scientific Division
- To be in charge of the VEGA target areas (the existing inner target area and the future outer target area)
- To be in charge of the correct use of the peripheral laboratories
- To coordinate activities with the people in charge of other CLPU areas and sections
- To draft budgets related to his/her area
- To stablish quality standards
- To participate together with the Direction and the CLPU Chair Director in drawing up the CLPU future strategic plans
- To be in charge of the facility's scientific issues
- To give scientific support to CLPU users in carrying out their experiments, especially when dealing with competitive access experiments.
- To promote, participate and manage national and international scientific research projects linked with the centre's purposes and strategic goals
- To be proactive towards actions that could boost the centre's scientific excellence, always supervised by the Direction.

- To suggest improvements on the centre's scientific infrastructures
- To be in charge of the management and streamlining of the area's personnel and of their assignments, while being able to prioritize according to the instructions received.
- To be jointly responsible with the CLPU Chair Director of training the personnel assigned to the area so that they get to cover up the centre strategic needs. To define the staff's qualification.
- To obey and enforce the established regulations
- To accomplish other possible duties assigned by the Direction, for which the candidate would be qualified

Salary will be commensurate with the value of the candidate, the job offered and the CLPU salary table. As a guideline, a range for fixed annual gross salary between 36.000/44.793 € has been established, this being a combination of a fix part and a variable one, based on the objectives met by the employee.

IV. JOB REQUIREMENTS

To participate in this call is essential to gather and be able to certify each and every one of the requirements listed below:

- PhD in Sciences, Physics or a similar field
- The candidate must be an expert scientist with an international reputation and at least five years of experience in one or several of the following fields: laser plasma physics and relativistic interaction, laser based ion and electron acceleration, laser-based X ray production, laser based atomic physics, high resolution time and frequency domain spectroscopy, strong field interactions, non-linear pulse propagation
- Over three years of post-doctoral experience on high intensity laser-matter interaction
- Experimental experience related to intense lasers
- Very high level of spoken and written English
- At least one year experience on the tasks described on the "job profile" section
- Engagement in research projects related with intense pulsed lasers

V. OTHER MERITS TAKEN INTO CONSIDERATION

The following merits will be taken into consideration:

- Experience above from required on the following fields: laser plasma physics and relativistic interaction, laser based ion and electron acceleration, laser-based X ray production, laser based atomic physics, high resolution time and frequency domain spectroscopy, strong field interactions, non-linear pulse propagation, X-ray laser.
- Experience in diagnostics of plasma generated by laser

- Experience as principal researcher in experiments
- Knowledge of the technology of CLPU's CPA lasers
- Knowledge on a second language, particularly French or German
- More experience than the one required
- Leadership on R&D research projects
- Scientific production in the field of intense pulsed lasers
- Renowned record of quotations and publications
- Experience in acquiring research projects funds
- Recommendation letters from highly renowned researchers

VI. APPLICATION FORMS

Application forms to participate in this call must be sent through the CLPU Website (CLPU > about us > job opportunities > Form). The application must include a copy of the candidate's curriculum vitae. **Application's deadline will be the 21st October 2015.**

The Pulsed Lasers Centre (CLPU) may require to the candidates the submission of supporting credentials of compliance with the requirements and merits.

This call could be declared null and void in the case that no participant would meet the minimum requirements established.